GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA

UNSTARRED QUESTION NO:4407
ANSWERED ON:14.12.2016
Seismic Microzonation
Kher Smt. Kirron

Will the Minister of EARTH SCIENCES be pleased to state:

(a) the names of the cities where Government proposes to carry out seismic microzonation;

(b) the details of criteria fixed for selection of such cities; and

(c) the funds likely to be spent in this regard?

Answer

THE MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES
(SHRI Y. S. CHOWDARY)

(a) National Centre for Seismology (NCS) has a project of seismic microzonation of thirty cities. A list of such cities is attached in Annexure-I.

(b) Earthquake - prone areas of the country have been identified on the basis of scientific inputs relating to seismicity, earthquakes occurred in the past and tectonic setup of the region. Based on these inputs, Bureau of Indian Standards [IS 1893 (Part I):2002], has grouped the country into four seismic zones, viz. Zone II, III, IV and V. Of these, Zone V is seismically the most active region, while zone II is the least. These cities are selected based on criteria of their location in seismic zone V, IV or III as per Bureau of Indian Standard publication [IS 1983 (Part I):2002] and having population more than half a million.

(c) Approximately Rs 90 (ninety) crores are estimated to be spent for this work.